

Online Voting System

Liyakath Ali B, Jothyrangan K, Lokesh G, Manzoor N, Nandhakumar N

UG Scholar, Information Technology Department, SA Engineering College, Chennai, Tamil Nadu, India

ABSTRACT

In the present pandemic situation, the normal voting method may become dangerous for the lives of voters. So, the online voting method may be a better alternative to conduct elections. As a matter of fact, the online voting method can be developed as a website. Online voting system that facilitates user (voter), candidate and administrator (who will be in charge and will verify all the user and information) to participate in online voting. our online voting system is highly secured, and it has a simple and interactive user interface. The proposed online portal is secured and have unique security feature such as unique id generation that adds another layer of security (except login id and password) and gives admin the ability to verify the user information and to decide whether he is eligible to vote or not. It also creates and manages voting and an election detail as all the users must login by user name and password and click on candidates to register vote. Our system is also equipped with a chat bot that works as a support or guide to the voters, this helps the users in the voting process.

KEYWORDS: ONLINE-VOTING-REGISTRATION-VOTER-CANDIDATESADMIN

How to cite this paper: Liyakath Ali B | Jothyrangan K | Lokesh G | Manzoor N | Nandhakumar N "Online Voting System" Published in International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-5 | Issue-4, June 2021, pp.186-190, URL: www.ijtsrd.com/papers/ijtsrd41184.pdf



IJTSRD41184

Copyright © 2021 by author(s) and International Journal of Trend in Scientific Research and Development Journal. This is an Open Access article distributed under the terms of the Creative Commons Attribution License (CC BY 4.0) (<http://creativecommons.org/licenses/by/4.0>)



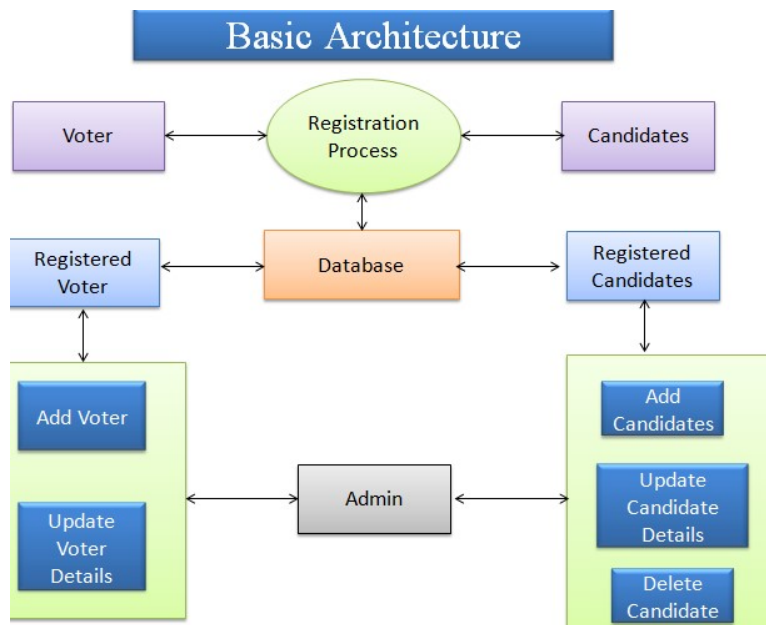
Disadvantages of Existing system

- Chances of false vote.
- Malfunction of machine may occur often.
- Expensive and Time consuming.
- Too much of paper work.
- Chances of getting infected to severe diseases like COVID-19.
- Increasing number of voters as individuals will find it easier and more convenient to vote, especially those abroad.
- This research project provides the specification and requirements for E-Voting.
- The e-voting means the voting process in election by using electronic device. The android platform is used to develop an e-voting application

Motivation and Scope

- Less effort and less labor intensive, as the primary cost and focus primary on creating, managing, and running a secure web voting portal.

SYSTEM ARCHITECTURE



LIST OF MODULES

The voting system has five main modules:

1. REGISTRATION
2. AUTHENTICATION
3. VOTING
4. COLLECTION
5. TALLYING

SYSTEM IMPLEMENTATION

Index.html:-

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<!-- The above 3 meta tags *must* come first in the head; any other head content must come *after* these tags -->
<title>CR Voting | Green Syntax</title>
<!-- Bootstrap -->
<link href="css/bootstrap.min.css" rel="stylesheet">
<link href='http://fonts.googleapis.com/css?family=Ubuntu' rel='stylesheet' type='text/css'>
<!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.2/jquery.min.js"></script>
<!-- Include all compiled plugins (below), or include individual files as needed -->
<script src="js/bootstrap.min.js"></script>
</body></html>
```

RESULT

Homepage -to cast your vote



WHAT IS IT.

A Intractive Way To Solve Conventional Voting.



VOTE ONLINE.

You Just Need Basic Details of Yours and We Will Let You Vote.



Nomination

Admin's Control Panel allows you to manage the list of filed nomination.



Statistics

Shows You the Graphical Data Representation of your votes. And, It is in Admin's Control Panel.

Contact info



CONTACT

If You have any suggestion regarding our voting system, We 'll welcome your suggestion,

Feedback

Mini Project
Online Voting System
IT-3RD YEAR



eVoting

Admin Panel

Choose Your Candidate.

Prove Your Authendcy of being correct voter.

Voter's Name :

Enter Your Full Name

Voter's Registered Email ID :

Enter Your Email ID

Voter's Card No. :

Enter Your Voter Unique ID

Selet Any One of Them,

- ☐ Loks
- ☐ Jothyangan
- ☐ Liyakath
- ☐ Nandhakumar





Submit

Decline

Nomination list

eVoting


Admin Panel

			
Loks 3rd year IT	Jothyangan 3rd year IT.	Liya 3rd year IT.	Nandha 3rd year IT.
<ul style="list-style-type: none">• 22nd August 2000• Lokesh G• Photographer,Enthusiastic,Talented.	<ul style="list-style-type: none">• 25th October 2001• Jothyangan K• Responsible,Punctual,Resourceful.	<ul style="list-style-type: none">• 15th October 2000• Liyakath Ali B• Talkative,Responsible,Entertaining.	<ul style="list-style-type: none">• 28th January 2001• Nandhakumar N• Entrepreneur,Talented,Creative.

Confirmation

eVoting

Admin Panel



YOU'VE SUCCESSFULLY VOTED.

✓ Finish

eVoting

Admin Panel

Authentication

Username

admin

Password

.....

Sign In

Enter details to view control panel

eVoting

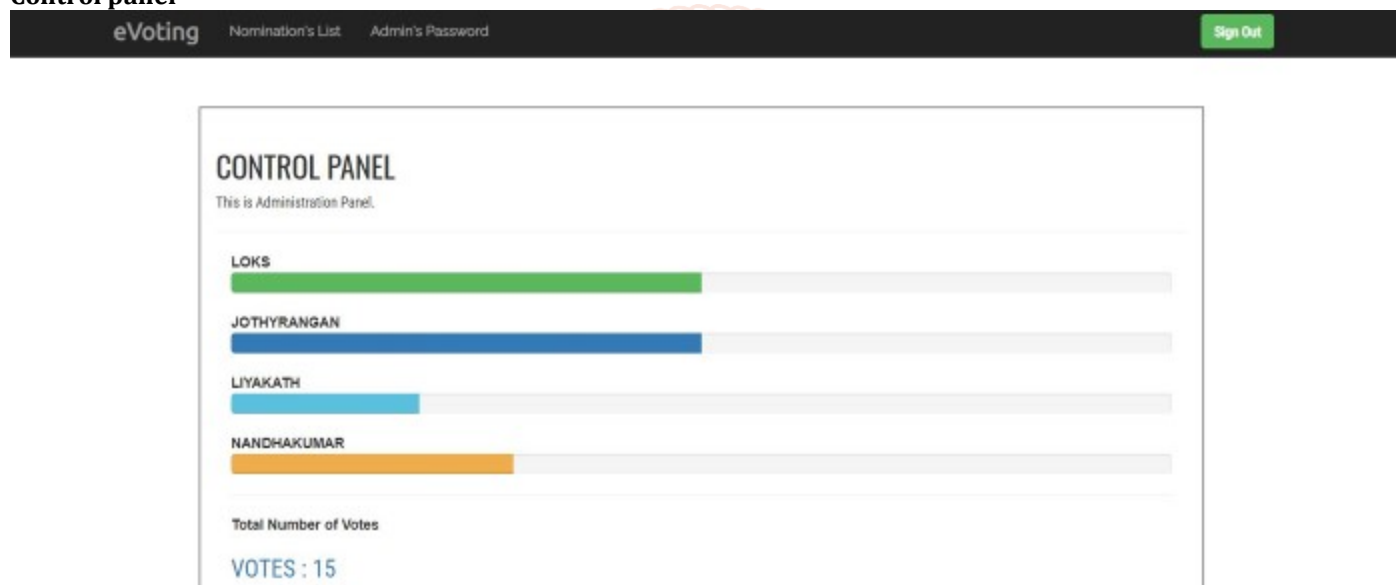
Admin Panel

Authentication

Username

Password

Control panel



CONCLUSION

Online Voting Systems have many advantages over the traditional voting system. Some of these advantages are less cost, faster generation results, easy accessibility, accuracy, and low risk of human and mechanical errors. It is very difficult to develop online voting system which can allow security and privacy on the high level. Future development focused to design a system which can be easy to use and will provide security and privacy of votes on acceptable level by proper authentication and processing section.. It is easy to use and it is less time consuming. It is very easy to debug.

RELATED WORK

- [1] Malwade Nikita, Patil Chetan, Chavan Suruchi, Prof, S RautSecure Online Voting System Proposed By

Biometrics And Steganography, volume 3, issue 5
Posted: 2017-05

- [2] Ankit Anand, Pallavi DivyaAn Efficient Online Voting System, volume 2, p. 2631 – 2634 Posted: 2019-08
- [3] R Alaguvel, Jagadhambal G Gnanavel,Biometrics Using Electronic Voting System with Embedded Security, volume 2 Posted: 2018-03
- [4] I Firas, Seifedine Hazzaa, Kadry Oussama Kassem Zein, Web-Based Voting System Using Fingerprint: Design and Implementation, volume 2 Posted: 2019-12